

LISTING OF CLAIMS

Claims 1-54 are pending in this application. Claims 7, 29, 51 and 53 are cancelled. Claims 1, 3, 5, 6, 18, 23, 25, 27, 28 and 34-36 are herein amended as shown below, with no new matter being added by the amendments presented herein.

The following listing of claims will replace all prior versions and listings of claims in this application.

Sub B1 ~~of the goods~~ 1. (Currently Amended) A work standard creation system for creating a work standard data related to an assembly work of various goods ~~to manage the assembly work~~, comprising:

~~input means for describing a work related to each work standard using an operation phrase representing an operation of the work, an object phrase representing a target of the operation, and a comment phrase representing auxiliary information related to the operation and/or object and inputting the phrase data; separately inputting a character of a word; retrieving means for retrieving words each having semantics of the input character and including the input character;~~

A1 ~~selecting means for selecting a verb, an object and an auxiliary word, wherein the verb, the object, and the auxiliary word are processed separately by the input means, retrieving means and selecting means; and~~

~~storage means for storing the three phrase data input for each work standard in a memory together with identifiers selected verb, object and auxiliary word as a sentence indicative of work standard.~~

2. (Original) The system according to claim 1, further comprising identifier

giving means for putting a plurality of work standards together into an upper work group and giving a group identifier to each of the groups put together.

3. (Currently Amended) The system according to claim 1, wherein the work group is classified into one of a component group formed from a plurality of work standards, a model group formed from a plurality of components, and a genre group formed from a plurality of models.

4. (Original) The system according to claim 3, further comprising:
a window for displaying a plurality of work standards,
selection means for selecting a desired work standard from the work standards displayed in said window, and
an input field provided in said window to input and display a work group identifier to be given to the selected work standard.

5. (Currently Amended) The system according to claim 1, further comprising means for translating an expression of at least one of the three phrases the selected verb, object or auxiliary word.

6. (Currently Amended) The system according to claim 5, wherein a display window is output, the display window having
an identifier field for inputting an identifier of a work standard as a translation target,
an expression field for displaying expressions of each phrase of the work standard selected verb, object or auxiliary word, and
a field provided on an opposite side of each expression field to display a translated word.

7. (Canceled)

Sub B2 ~~8.~~ (Original) The system according to claim 5, wherein said means for translating includes a conversion dictionary between a word in a language used in said system and a translated word in a language of a country where assembly is done.

9. (Original) The system according to claim 1, further comprising:
a window for displaying a plurality of work standards,
means for selecting a desired work standard from the work standards displayed in said window, and
editing means for editing a content of the selected work standard.

10. (Original) The system according to claim 1, further comprising:
a window for displaying a plurality of work standards,
means for selecting a desired work standard from the work standards displayed in said window, and
editing means for linking another work standard to the selected work standard.

A2 11. (Original) The system according to claim 9, wherein said editing means edits a content of an expression.

12. (Original) The system according to claim 10, wherein said editing means deletes the selected work standard.

13. (Original) The system according to claim 10, wherein said editing means adds another work standard before or after the selected work standard.

14. (Original) The system according to claim 10, wherein said editing means exchanges an operation order of the selected work standard with that of another work standard.

15. (Original) The system according to claim 1, further comprising:

means for selecting an arbitrary work standard, and
means for attaching voice data having a content related to the work to the selected
work standard.

16. (Original) The system according to claim 1, further comprising:
means for selecting an arbitrary work standard, and
means for attaching image data having a content related to the work to the
selected work standard.

17. (Original) The system according to claim 16, wherein the image data is
still image data.

18. (Currently Amended) The system according to claim 1, further
comprising:

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means for selecting an arbitrary work standard,
and
means for attaching, to the selected work standard, first image data having a
content related to the work, voice data for explaining the work standard, and second image data
for explaining a relationship between the voice data and the first image data.

19. (Original) The system according to claim 1, further comprising display
means for displaying a plurality of work standards in an order of inputs by said input means.

20. (Original) The system according to claim 18, further comprising:
display means for displaying a plurality of work standards in an order of inputs by
said input means, and
means for reconstructing images attached to the plurality of work standards
displayed by said display means in the order of works.

21. (Original) The system according to claim 18, further comprising:
display means for displaying a plurality of work standards in an order of inputs by
said input means, and
means for playing back the voice data attached to the plurality of work standards
displayed by said display means in the order of works.

22. (Original) A distributed client/server database system comprising:
a server including said storage means of claim 1, and
a plurality of clients each having said input means of claim 1.

23. (Currently Amended) A work standard creation method of creating work
standard data related to an assembly work of various goods ~~to manage the assembly work of the~~
~~goods, comprising:~~
~~an input step of describing a work related to each work standard using an~~
~~operation phase representing an operation of the work, an object phrase representing a target of~~
~~the operation, and a comment phrase representing auxiliary information related to the operation~~
~~and/or object and inputting the phrase data separately inputting a character of a word;~~
~~a retrieving step of retrieving words each having semantics of the input character~~
~~and including the input character;~~
~~a selecting step of selecting a verb, an object and an auxiliary word, wherein the~~
~~verb, the object, and the auxiliary word are processed separately in the input step, retrieving step~~
~~and selecting step; and~~
~~a storage step of storing the three phrase data input for each work standard in a~~
~~memory together with identifiers selected verb, object and auxiliary word as a sentence~~
~~indicative of work standard.~~

24. (Original) The method according to claim 23, further comprising an identifier giving step of putting a plurality of work standards together into an upper work group and giving a group identifier to each of the groups put together.

25. (Currently Amended) The method according to claim 23 24, wherein the work group is classified into one of a component group formed from a plurality of work standards, a model group formed from a plurality of components, and a genre group formed from a plurality of models.

26. (Original) The method according to claim 25, further comprising:
a selection step of displaying a plurality of work standards in a window and selecting a desired work standard from the displayed work standards, and
a step of inputting a work group identifier to be given to the selected work standard to an input field provided in the window and displaying the identifier.

27. (Currently Amended) The method according to claim 23, further comprising a step of translating an expression of at least one of the three phrases the selected verb, object or auxiliary word.

28. (Currently Amended) The method according to claim 27, further comprising steps of:

inputting an identifier of a work standard as a translation target to an identifier field,

displaying expressions of each phrase of the work standard selected verb, object or auxiliary word in an expression field, and

displaying a translated word in a field provided on an opposite side of each expression field.

29. (Canceled)

SUB 837
30. (Original) The method according to claim 27, wherein, in said step of translating, a conversion dictionary between a word in a language used in the system and a translated word in a language of a country where assembly is used.

31. (Original) The method according to claim 23, further comprising:
a step of displaying a plurality of work standards in a window,
a step of selecting a desired work standard from the work standards displayed in the window, and

an editing step of editing a content of the selected work standard.

32. (Original) The method according to claim 23, further comprising:
a step of displaying a plurality of work standards in a window,
a step of selecting a desired work standard from the work standards displayed in the window, and

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a step of linking another work standard to the selected work standard.

33. (Original) The method according to claim 31, wherein, in said editing step, a content of an expression is edited.

34. (Currently Amended) The method according to claim 32 31, wherein, in said editing step, the selected work standard is deleted.

35. (Currently Amended) The method according to claim 32 31, wherein, in said editing step, another work standard is added before or after the selected work standard.

36. (Currently Amended) The method according to claim 32 31, wherein, in said editing step, an operation order of the selected work standard is exchanged with that of another work standard.

37. (Original) The method according to claim 23, further comprising:
a step of selecting an arbitrary work standard, and
a step of attaching voice data having a content related to the work to the selected
work standard.

38. (Original) The method according to claim 23, further comprising:
a step of selecting an arbitrary work standard, and
a step of attaching image data having a content related to the work to the selected
work standard.

39. (Original) The method according to claim 38, wherein the image data is
still image data.

40. (Original) The method according to claim 23, further comprising:
a step of selecting an arbitrary work standard, and
a step of attaching, to the selected work standard, first image data having a content
related to the work, voice data for explaining the work standard, and second image data for
explaining relationship between the voice data and the first image data.

41. (Original) The method according to claim 23, further comprising a
display step of displaying a plurality of work standards in an order of input in said input step.

42. (Original) The method according to claim 40, further comprising:
a display step of displaying a plurality of work standards in an order of input in
the input step, and
a step of reconstructing images attached to the plurality of work standards
displayed in the display step in the order of works.

43. (Original) The method according to claim 40, further comprising:

a display step of displaying a plurality of work standards in an order of input in the input step, and

a step of playing back the voice data attached to the plurality of work standards displayed in the display step in the order of works.

44. (Original) The method according to claim 39, wherein the image data is moving image data.

45. (Original) The system according to claim 16, wherein the image data is moving image data.

46. (Original) A computer program storage medium which stores program codes of said work standard creation method to realize said work standard creation method of claim 23 by a computer system.

47. (Original) The system according to claim 16, wherein the image data attached to the work standard comprises a plurality of still image data or one moving image data.

48. (Original) The system according to claim 1, wherein contents of works are classified in units of works, and a parameter is attached to each of the classified work contents.

49. (Original) The system according to claim 48, wherein a work and an image corresponding to an operation content of the work are linked to a parameter linked to the work content.

50. (Original) The system according to claim 49, further comprising means for designating a name of an operation and a value of a parameter related to the operation to search for image data of a corresponding work.

51. (Canceled)

Sub B4

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52. (Original) The system according to claim 6, further comprising a conversion dictionary between a word in a language used in said system and a translated word in a language of a country where assembly is done.

53. (Canceled)

Sub B5

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54. (Original) The method according to claim 28, wherein a conversion dictionary between a word in a language used in the system and a translated word in a language of a country where assembly is done.